

METHODS AND APPARATUS FOR EMPLOYING FEEDBACK BODY CONTROL IN CROSS-COUPLED INVERTERS

Abstract

In a first aspect, a cross-coupled inverter is provided that includes a first inverter circuit having a first NFET coupled to a first PFET and a second inverter circuit having a second NFET coupled to a second PFET. The second inverter circuit is cross-coupled with the first inverter circuit at a plurality of nodes. The body of at least one of the first NFET, the second NFET, the first PFET and the second PFET is coupled so as to form a feedback path that reduces discharging at one or more of the plurality of nodes in response to a soft error event at the cross-coupled inverter.